

2305 15

EPA Form T1070-3 (10-79) PAGE 1 OF 10 Continue On Reverse

Continued From Front

III. INSPECTION INFORMATION (continued)			
D. GENERATOR INFORMATION (source of waste)			
1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
United States Gypsum Company	214-874-4781	1100 Hardy Ave. Corsicana, TX	Shot, and off specification mineral fiber
E. TRANSPORTER/HAULER INFORMATION			
1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
United States Gypsum Company	214-874-4781	1100 Hardy Ave. Corsicana, TX	SKIOS, Paper, and plant trash.
F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.			
1. NAME	2. TELEPHONE NO.	3. ADDRESS	
N/A			
G. DATE OF INSPECTION (mo., day, & yr.)			
6-23-83	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)	
	1030	<input checked="" type="checkbox"/> 1. PERMISSION <input type="checkbox"/> 2. WARRANT	
J. WEATHER (describe)			
Cloudy, Temperature 88°, winds 5-10 mph from the west.			
IV. SAMPLING INFORMATION			
A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.			
1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL		Organics: Inorganics:	8-15-83
g. SOIL	X(1)	West coast technical service Rocky Mountain analytical	
h. VEGETATION		17605 Fabrica way, suite D 5530 Marshall ST.	
i. OTHER (specify)		Cerritos, CA 90701 Arvada, Co. 80002	
B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)			
1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS	
None			

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS

☒ a. GROUND ☐ b. AERIAL

2. PHOTOS IN CUSTODY OF:

EPA Region VI (attached)

D. SITE MAPPED?

☒ YES. SPECIFY LOCATION OF MAPS: EPA Region VI (attached)

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)

32°07'22" N

2. LONGITUDE (deg.-min.-sec.)

96°28'09" W

V. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)☐ 2. INACTIVE (Those sites which no longer receive wastes.)☐ 3. OTHER (specify):
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☐ 1. NO ☒ 2. YES (specify generator's four-digit SIC Code): 3296

C. AREA OF SITE (in acres)

44 total site
10 - landfill area

D. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES (specify): Manufacturing facility, with offices and storage areas

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

<input checked="" type="checkbox"/> A. TRANSPORTER	<input type="checkbox"/> B. STORER	<input checked="" type="checkbox"/> C. TREATER	<input type="checkbox"/> D. DISPOSER
1. RAIL	1. PILE	1. FILTRATION	<input checked="" type="checkbox"/> 1. LANDFILL
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
<input checked="" type="checkbox"/> 4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	<input checked="" type="checkbox"/> 5. CHEM./PHYS./TREATMENT	5. MIDNIGHT DUMPING
6. OTHER (specify):	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify):
		9. OTHER (specify):	

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this form.

☐ 1. STORAGE ☐ 2. INCINERATION ☒ 3. LANDFILL ☐ 4. SURFACE IMPOUNDMENT ☐ 5. DEEP WELL

☒ 6. CHEM./BIO./PHYS. TREATMENT ☐ 7. LANDFARM ☐ 8. OPEN DUMP ☒ 9. TRANSPORTER ☐ 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. LIQUID ☒ 2. SOLID ☐ 3. SLUDGE ☐ 4. GAS

B. WASTE CHARACTERISTICS

☐ 1. CORROSIVE ☐ 2. IGNITABLE ☐ 3. RADIOACTIVE ☐ 4. HIGHLY VOLATILE

☒ 5. TOXIC ☐ 6. REACTIVE ☒ 7. INERT ☐ 8. FLAMMABLE

9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Yes, amounts reported to TDWR

Continued From Front

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
None	None	None	None	35	Unknown
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
				tons/day	
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY, PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER(specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER(specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	<input checked="" type="checkbox"/> (4) MUNICIPAL
(5) OTHER(specify):			(5) DYES/INKS	(5) NON-FERROUS SMELTING WASTES	(5) OTHER(specify):
			(6) CYANIDE	<input checked="" type="checkbox"/> (6) OTHER(specify): Shot and off spec. mineral fiber	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER(specify):		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')		3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	d. HIGH	e. MED.	f. LOW			
Arsenic	X						7440-38-2	*155	ppm
Lead	X						7439-92-1	*734	ppm
*based on sample analysis results.									

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☐ A. HUMAN HEALTH HAZARDS

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE☐ C. WORKER INJURY/EXPOSURE☐ D. CONTAMINATION OF WATER SUPPLY☐ E. CONTAMINATION OF FOOD CHAIN☒ F. CONTAMINATION OF GROUND WATER

The possibility of groundwater contamination exists at the site due to the high permeability of the soil in the area. This would be of minor concern due to the limited use of groundwater in the region, and the fact that the amounts of contaminants contained in the waste is relatively small.

☒ G. CONTAMINATION OF SURFACE WATER

There is a potential for surface water contamination due to the fact that lead and arsenic were contained in waste material disposed of at the landfill in the early 1970's. This material was placed on the western side of the fill area along the Texas and New Orleans Railroad. A soil sample was taken in this area to check for possible migration of contaminants. (see site sketch attached for sample location)

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA☐ I. FISH KILL☐ J. CONTAMINATION OF AIR☐ K. NOTICEABLE ODORS☐ L. CONTAMINATION OF SOIL☐ M. PROPERTY DAMAGE

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID☐ P. SEWER, STORM DRAIN PROBLEMS☐ Q. EROSION PROBLEMS☐ R. INADEQUATE SECURITY☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING☒ U. OTHER (specify):

The United States Gypsum Company manufactures mineral wool insulation from steel mill slag and basalt. The material is melted at high temperatures and then the streams of molten glass are spun into fibers that are hurled onto a moving belt. This woolly mass is impregnated with various binders and formed into shapes for use as insulation. During the process 30% of the steel slag and basalt is lost as waste material called shot. The shot is disposed of in the landfill on the northern part of the company's property. Also off specification mineral fiber is disposed of in the landfill. No other wastes are deposited on site. United States Gypsum hauls their skids, and paper waste to the Corsicana city landfill. The plant currently filters their stack emissions for particulates and SO₂ in accordance with permits they hold through the Texas Air Control Board. In the early 1970's U.S. Gypsum used copper slag that contained some lead and arsenic. The waste from the process was disposed of in the landfill on the western side along the Texas and New Orleans Railroad. The company changed from copper slag to steel mill slag in about 1974. So for only a time period of 2-3 yrs, was material containing lead and arsenic disposed of.

During the FIT inspection no leachate was observed leaving the landfill and the site appeared very stable. A soil sample was taken on the western side of the landfill between U.S. Gypsum Property and the Railroad (see site sketch). (see attachment A)

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	500	500	125	1 mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	130	130	10	1 mile
3. IN PUBLICLY TRAVELLED AREAS	600	600	0	1/2 mile
4. PUBLIC USE AREAS (parks, schools, etc.)	450	450	4	1 mile

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit) 50 ft.	B. DIRECTION OF FLOW southeasterly	C. GROUNDWATER USE IN VICINITY none
D. POTENTIAL YIELD OF AQUIFER 200 gpm*	E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of flow) see below	F. DIRECTION TO DRINKING WATER SUPPLY **see below
G. TYPE OF DRINKING WATER SUPPLY		
<input type="checkbox"/> 1. NON-COMMUNITY < 15 CONNECTIONS <input checked="" type="checkbox"/> 2. COMMUNITY (specify town): Corsicana, TX > 15 CONNECTIONS		
<input checked="" type="checkbox"/> 3. SURFACE WATER <input type="checkbox"/> 4. WELL		

*Woodbine Formation, 1800 feet deep

*Lake Halbert which is located 4.5 miles to the southeast of the site, and Navarro Mills lake which is located 19 miles to the southwest.

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

4. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
None				

1. RECEIVING WATER

1. NAME

☐ 2. SEWERS☒ 3. STREAMS/RIVERS

Trinity River

☐ 4. LAKES/RESERVOIRS☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Contact recreation, noncontact recreation, propagation of fish and wildlife and domestic raw water supply.

XI. SOIL AND VEGETATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE☐ B. KARST ZONE☐ C. 100 YEAR FLOOD PLAIN☐ D. WETLAND☐ E. A REGULATED FLOODWAY☐ F. CRITICAL HABITAT☒ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

*X	A. OVERBURDEN	*X	B. BEDROCK (specify below)	*X	C. OTHER (specify below)
X	1. SAND	X	Nacatoch Sand		
	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN☐ B. VERY HIGH (100,000 to 1000 cm/sec.)☒ C. HIGH (1000 to 10 cm/sec.)☐ D. MODERATE (10 to .1 cm/sec.)☐ E. LOW (.1 to .001 cm/sec.)☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☒ 1. YES☐ 2. NO

3. COMMENTS:

Shallow groundwater is recharged throughout the Nacatoch sand out crop area.

H. DISCHARGE AREA

☐ 1. YES☒ 2. NO

3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

5-10%

southerly

J. OTHER GEOLOGICAL DATA

The site is located atop the Nacatoch Sand, an upper-Cretaceous unit composed of fine-grained quartz sand. The Nacatoch Sand is a minor aquifer of limited local importance.

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UNKNOWN
State	Texas Air Control Board	NB-0041-0	Unknown	Unknown	X		
Identification No.	EPA	NEDS - EMS 3810-0008	Unknown	Unknown	X		

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☒ NONE ☐ YES (summarize in this space)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-3.

Corresponding
number on form

Additional Remark and/or Explanation

I.I.

of the manufacturing plant, offices, and storage facilities. There is also a landfill on the northern part of the site. (see site drawing of plant and property). The land topography is relatively flat and the soil type is sandy.

VIII.U.

Analysis from the sample data showed no significant organics to be present.

Beryllium, cobalt, copper, iron, manganese, zinc, arsenic, tin and lead were found in concentrations exceeding mean background levels (see analysis summary sheets).

Due to the elevated levels of inorganics present in the sample, the FIT recommends that further sampling be performed to better characterize the site.

Based on the information obtained during the reconnaissance inspection, the following sampling plan is proposed for United States Gypsum:

- A) Sediment sample from one of the two ponds on site near drainage path from the landfill.
- B) Soil sample from runoff path leaving the south east corner of the property.
- C) Sample from the eastern side of the landfill area.
- D) Sample from the western side of the landfill area.
- E) 2-3 soil samples beginning south of the plant and moving north from the natural drainage path between the Railroad and U.S. Gypsum property.
- F) 1-2 offsite soil samples from drainage path leaving the south east portion of site property.

*See attached site sketch for tentative sample locations.

LANDFILLS SITE INSPECTION REPORT
(Supplemental Report)

INSTRUCTION
Answer and Explain
as Necessary.

1. EVIDENCE OF SITE INSTABILITY (Erosion, Settling, Sink Holes, etc)

☐ YES ☒ NO

2. EVIDENCE OF IMPROPER DISPOSAL OF BULK LIQUIDS, SEMI-SOLIDS AND SLUDGES INTO THE LANDFILL

☐ YES ☒ NO Only waste disposed on onsite is shot and off spec. mineral fiber.

3. CHECK RECORDS OF CELL LOCATION AND CONTENTS AND BENCHMARK

☐ YES ☒ NO

4. WASTES SURROUNDED BY SORBENT MATERIAL

☐ YES ☒ NO Soil type for the area is sandy

5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED

☐ YES ☒ NO

6. EVIDENCE OF PONDING OF WATER ON SITE

☐ YES ☒ NO

7. EVIDENCE OF IMPROPER/INADEQUATE DRAINING

☐ YES ☒ NO

8. ADEQUATE LEACHATE COLLECTION SYSTEM (If "Yes", specify Type)

☐ YES ☒ NO

8a. SURFACE LEACHATE SPRING

☐ YES ☒ NO

9. RECORDS OF LEACHATE ANALYSIS

☐ YES ☒ NO

10. GAS MONITORING

☐ YES ☒ NO

11. GROUNDWATER MONITORING WELLS

☐ YES ☒ NO

12. ARTIFICIAL MEMBRANE LINER INSTALLED

☐ YES ☒ NO

13. SPECIFIC CONTAINMENT MEASURES (Clay Bottom, Sides, etc)

☐ YES ☒ NO

14. FIXATION (Stabilization) OF WASTE

☒ YES ☐ NO

15. ADEQUATE CLOSURE OF INACTIVE PORTION OF FACILITY

☐ YES ☒ NO Landfill is still active

16. COVER (Type)

Landfill is only used to dispose of shot and off spec-mineral fiber. Material serves as its own cover.

16a. THICKNESS

N/A

16b. PERMEABILITY

Soil Permeability for the area is high.

16c. DAILY APPLICATION

☒ YES ☐ NO

TABLE I. INORGANIC ANALYSIS SUMMARY

Page 1 of 2CASE NUMBER: 1871, SAS 6035SITE NAME/CODE: U.S. Gypsum Corp. (TX 10022)

CONCENTRATIONS (ppm)

PARAMETER		EPA Sample Numbers							Mean Ambient Background 1.	
		MF 9538							Western U. S. 2.	Eastern U. S. 2.
Task 1	Matrix Type	Soil							Soil	Soil
	Aluminum	28,000							54,000	33,000
	Chromium	34							38	36
	Barium	442							560	300
	Beryllium	3.2							0.6	0.6
	Cobalt	50							8	7
	Copper	389							21	14
	Iron	43,700							20,000	15,000
	Nickel	19							16	13
	Manganese	1,400							390	290
	Zinc	4020							51	36
	Boron	53							22	32
	Vanadium	44							66	46
Task 2	Silver								<.50	-
	Arsenic	155							6.1	5.4
	Antimony	1.55							<150	-
	Selenium								0.25	0.39
	Thallium								-	-
	Mercury								0.055	0.096
	Tin	64							<10	<10
	Cadmium								<1	<1
Task 3	Lead	734							18	14
	Ammonia								-	-
	Cyanide								-	-
Sample Station Number		01								
Sample Station Location		NW Side of LF								

1. Ambient background concentrations apply only to soil matrix samples. Values obtained from "Geochemistry of Some Rocks, Soils, Plant and Vegetables in the Conterminous United States" Geological Survey Professional Paper 574 F 1975.

2. Reference for East/West Division is the 97° W longitudinal line which bisects Region VI.

TABLE II. ORGANIC ANALYSIS SUMMARY

Page 2 of 2

CASE NUMBER: 1861

ITE NAME/CODE: U.S. Gypsum Corp. TX 10022

[illegible]

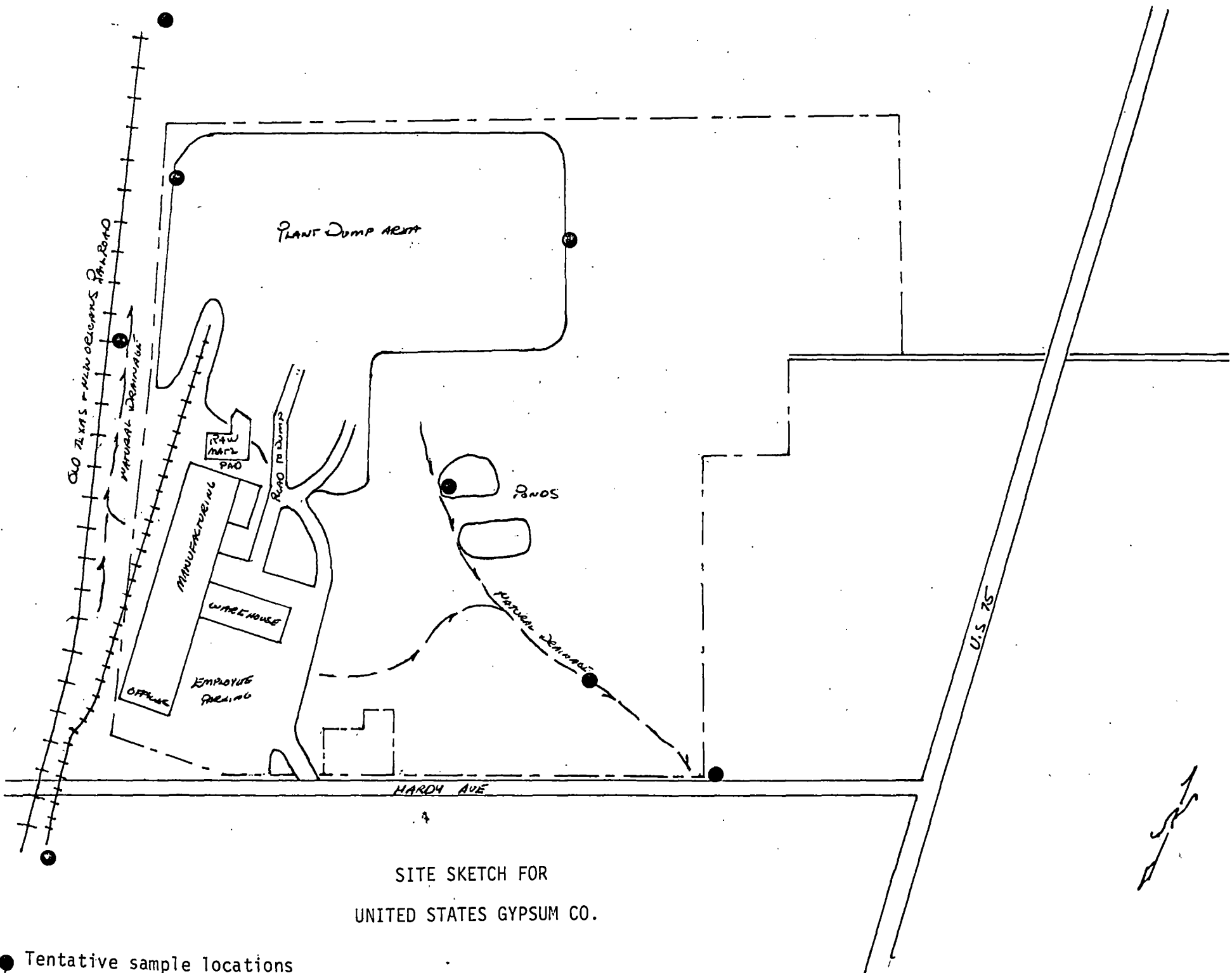
- . Priority Pollutant.
- . Specified Hazardous Substance.
- . Tentatively Identified.



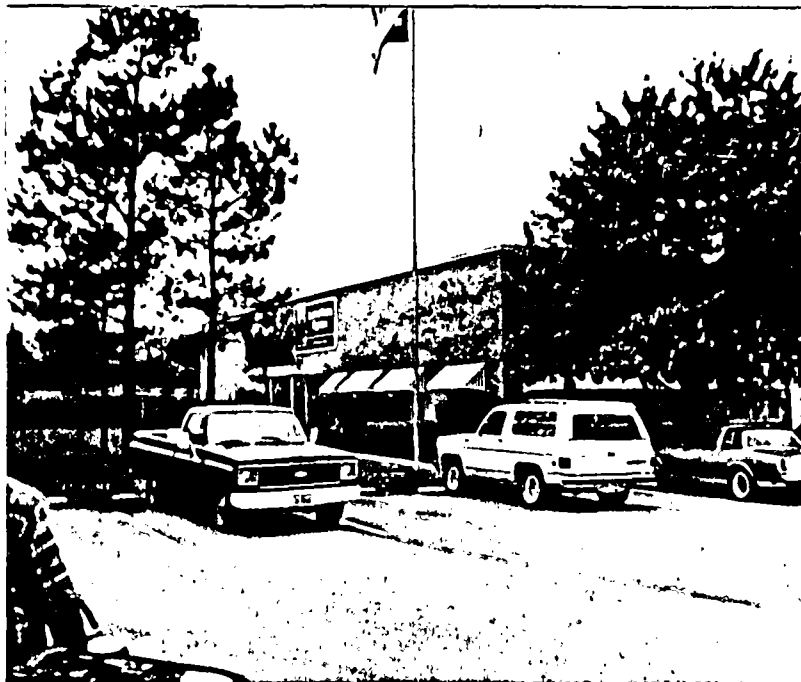
SITE LOCATION MAP FOR
UNITED STATES GYPSUM COMPANY

Scale: 1 inch=2,000 ft.

USGS 1978
Corsicana, Tx.



SITE SKETCH FOR
UNITED STATES GYPSUM CO.



Photographer / Witness

RIK WIGAL / PHIL WATTS

Date / Time / Direction

6/23/83 / 1235 / WEST

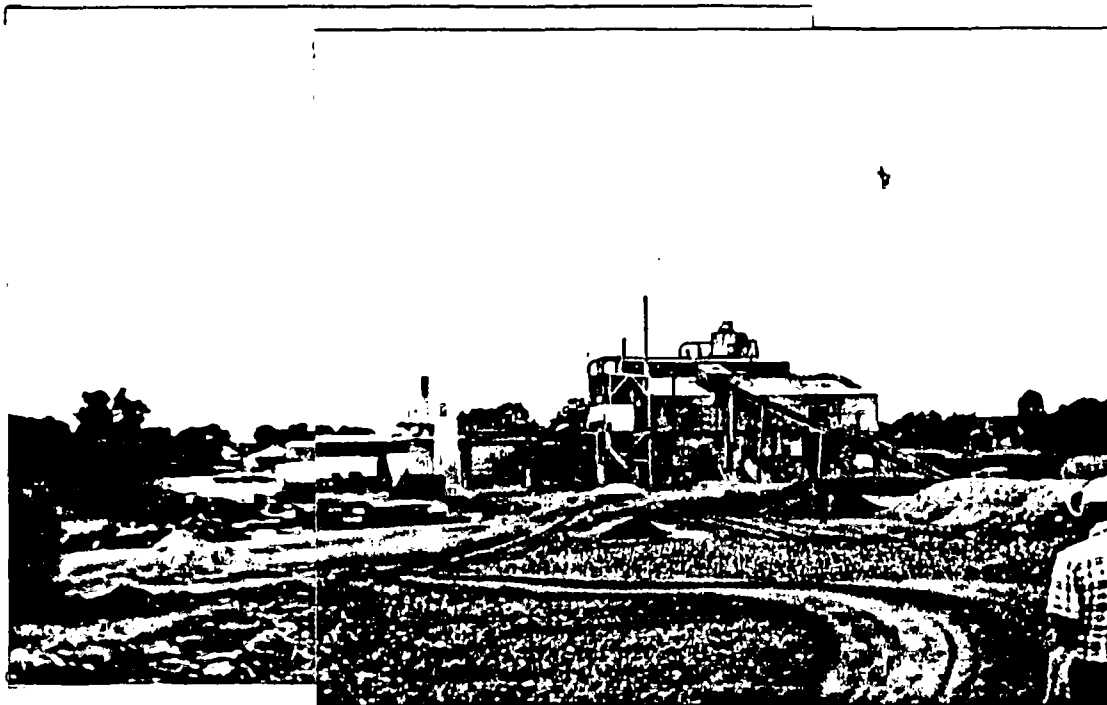
Comments:

VIEW OF OFFICES AT

UNITED STATES GYPSUM

COMPANY.

PHOTO #1



Photographer / Witness

RIK WIGAL / PHIL WATTS

Date / Time / Direction

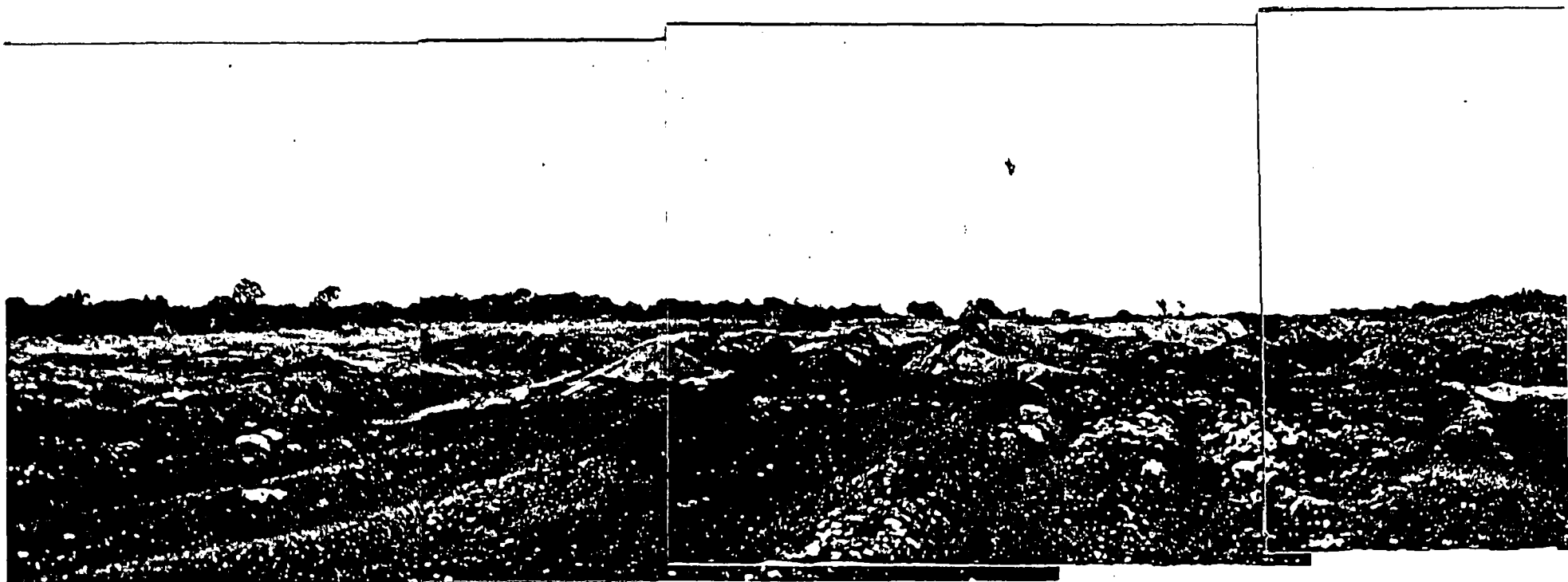
6/23/83 / 1147 / SOUTH

Comments:

PANORAMA OF THE SOUTH

SIDE OF THE PLANT FACILITY.

PHOTO #2



Photographer / Witness

RIK WIGAL / PHIL WATTS

Date / Time / Direction

6/23/83 / 1145 / NW

Comments:

PANORAMA OF LAND FILL

AREA.

PHOTOS # 3-6



Photographer / Witness

RICK WIGAL / PHIL WATTS

Date / Time / Direction

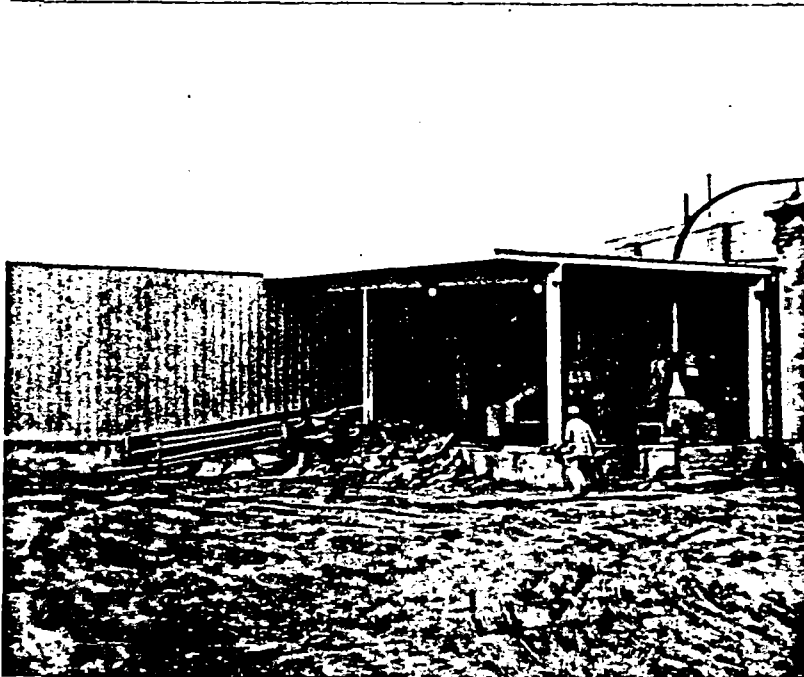
6/23/83 / 1240 / SW

Comments: WASTE MATERIAL

FROM PLANT FURNACE.

(SHOT).

PHOTO # 7



Photographer / Witness

RICK WIGAL / PHIL WATTS

Date / Time / Direction

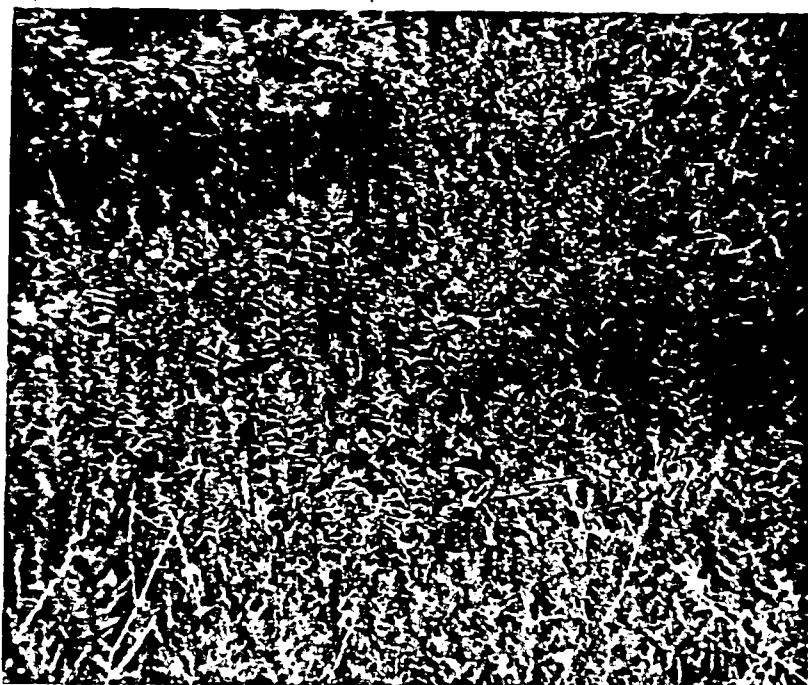
6/23/83 / 1241 / SW

Comments: VIEW OF OFF

SPECIFICATION MINERAL FIBER 800

DISPOSAL INTO LANDFILL.

PHOTO # 8



Photographer / Witness

RICK WIGAL / PHIL WATTS

Date / Time / Direction

6/23/83 / 1231 / NW

Comments: VIEW OF OFF SITE

SAMPLE LOCATION ON THE

NW BOUNDARY LINE OF SITE.

PHOTO # 9

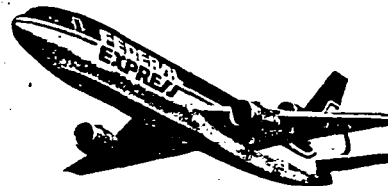


PLEASE COMPLETE ALL INFORMATION IN THE 5 BLOCKS OUTLINED IN ORANGE
SEE BACK OF FORM SET FOR COMPLETE PREPARATION INSTRUCTIONS

566355300



YOUR FEDERAL EXPRESS ACCOUNT NUMBER		DATE
0752-5801-02		1/1/82
FROM (Your Name)		TO (Recipient's Name)
WICK CIGAR		WICK CIGAR
COMPANY		COMPANY
ECOLOGICAL ENVIRONMENT INC		ECOLOGICAL ENVIRONMENT INC
DEPARTMENT/FLOOR NO		DEPARTMENT/FLOOR NO.
STREET ADDRESS		STREET ADDRESS (P.O. BOX NUMBERS ARE NOT DELIVERABLE)
1504 MAIN ST STE 810		705 - PERKINS WAY
CITY		CITY
DALLAS		CH
STATE		STATE
TX		TX
AIRBILL NO. 566355300		ZIP ACCURATE ZIP CODE REQUIRED FOR CORRECT INVOICING 75499
YOUR NOTES/REFERENCE NUMBERS (FIRST 12 CHARACTERS WILL ALSO APPEAR ON INVOICE)		IN TENDERING THIS SHIPMENT, SHIPPER AGREES THAT F.E.C. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM CARRIAGE HEREOF, F.E.C. DIS-CLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THIS SHIPMENT. THIS IS A NON-NEGOTIABLE AIRBILL SUBJECT TO CONDITIONS OF CONTRACT SET FORTH ON REVERSE OF SHIPPER'S COPY, UNLESS YOU DECLARE A HIGHER VALUE. THE LIABILITY OF FEDERAL EXPRESS CORPORATION IS LIMITED TO \$100.00. FEDERAL EXPRESS DOES NOT CARRY CARGO LIABILITY INSURANCE.
PAYMENT <input type="checkbox"/> Bill Shipper <input type="checkbox"/> Bill Recipient's F.E.C. Acct. <input checked="" type="checkbox"/> Bill 3rd Party F.E.C. Acct. <input type="checkbox"/> Bill Credit Card		FEDERAL EXPRESS USE
<input type="checkbox"/> Cash in Advance Account Number/Credit Card Number 00277514		FREIGHT CHARGES
SERVICES CHECK ONLY ONE BOX		DECLARED VALUE CHARGE
PRIORITY 1 OVERNIGHT LETTER		AGT/PRO ADVANCE ORIGIN
1 <input checked="" type="checkbox"/> OVERNIGHT PACKAGES (up to 70 LBS.) 6 <input type="checkbox"/> (up to 2 OZ.)		AGT/PRO ADVANCE DESTINATION
COURIER PAK 7 <input type="checkbox"/>		OTHER
2 <input type="checkbox"/> OVERNIGHT ENVELOPE (up to 2 LBS.) 8 <input type="checkbox"/>		TOTAL CHARGES
3 <input type="checkbox"/> OVERNIGHT BOX (up to 5 LBS.) 9 <input type="checkbox"/>		
4 <input type="checkbox"/> OVERNIGHT TUBE (up to 5 LBS.)		
STANDARD AIR		
5 <input type="checkbox"/> DELIVERY TWO BUSINESS DAY FOLLOWING PICK UP (up to 70 LBS.)		
"OVERNIGHT" IS NEXT BUSINESS DAY (MONDAY THROUGH FRIDAY); TWO DAYS FROM ALASKA/HAWAII. SATURDAY DELIVERY AVAILABLE IN CONTINENTAL U.S. SEE "SPECIAL HANDLING."		
DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED		
1 <input type="checkbox"/> HOLD FOR PICK UP AT FOLLOWING FEDERAL EXPRESS LOCATION SHOWN IN SERVICE GUIDE. RECIPIENT'S PHONE NUMBER REQUIRED		
2 <input checked="" type="checkbox"/> DELIVER		
3 <input type="checkbox"/> SATURDAY SERVICE REQUIRED. See Reverse (Extra charge applies for delivery.)		
4 <input type="checkbox"/> RESTRICTED ARTICLES SERVICE (R-1 and Standard Air Packages only, extra charge)		
5 <input type="checkbox"/> SSS (Signature Security Service required, extra charge applies)		
6 <input type="checkbox"/> DRY ICE _____ LBS.		
7 <input type="checkbox"/> OTHER SPECIAL SERVICE _____		
8 <input type="checkbox"/>		
9 <input type="checkbox"/>		
PACKAGES WEIGHT DECLARED VALUE D/S		
TOTAL TOTAL TOTAL		
RECEIVED AT SHIPPER'S DOOR <input type="checkbox"/> REGULAR STOP <input type="checkbox"/> ON-CALL STOP <input type="checkbox"/> F.E.C. LOC.		
Federal Express Corporation Employee No.		
DATE/TIME For Federal Express Use		



PART# 2041730751
FEC-S-0751 D/O/B
REVISION DATE
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SHIPPER'S COPY

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 6
First International Building
1201 Elm Street
Dallas, Texas 75270

CHAIN OF CUSTODY RECORD

[illegible]

CHAIN OF CUSTODY RECORD

REMARKS

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

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file

ECOLOGY AND ENVIRONMENT, INC.
REGION VI
MEMORANDUM

TO: Keith Bradley, RPO

FROM: Hunt Chapman, FIT-Chemist *GHC*

THRU: ^{for} K. Malone, Jr., RPM *jpt*

DATE: June 13, 1985

SUBJ: Sampling Mission to U.S. Gypsum, Corsicana, TX (TX10022)
TDD# R6-8409-09

On December 17, 1984, a sampling mission was conducted at U.S. Gypsum Co., 1100 Hardy Ave., in Corsicana, TX. The FIT sampling team consisted of Team Leader Hunt Chapman, and team members Miles Bolton, Bernard Cousins and Lloyd Collins. The purpose of the sampling was to characterize the site as a result of elevated metals concentrations found in an earlier off-site reconnaissance sample. A total of eight samples were taken (see site sketch and Table II for sample locations and photographs).

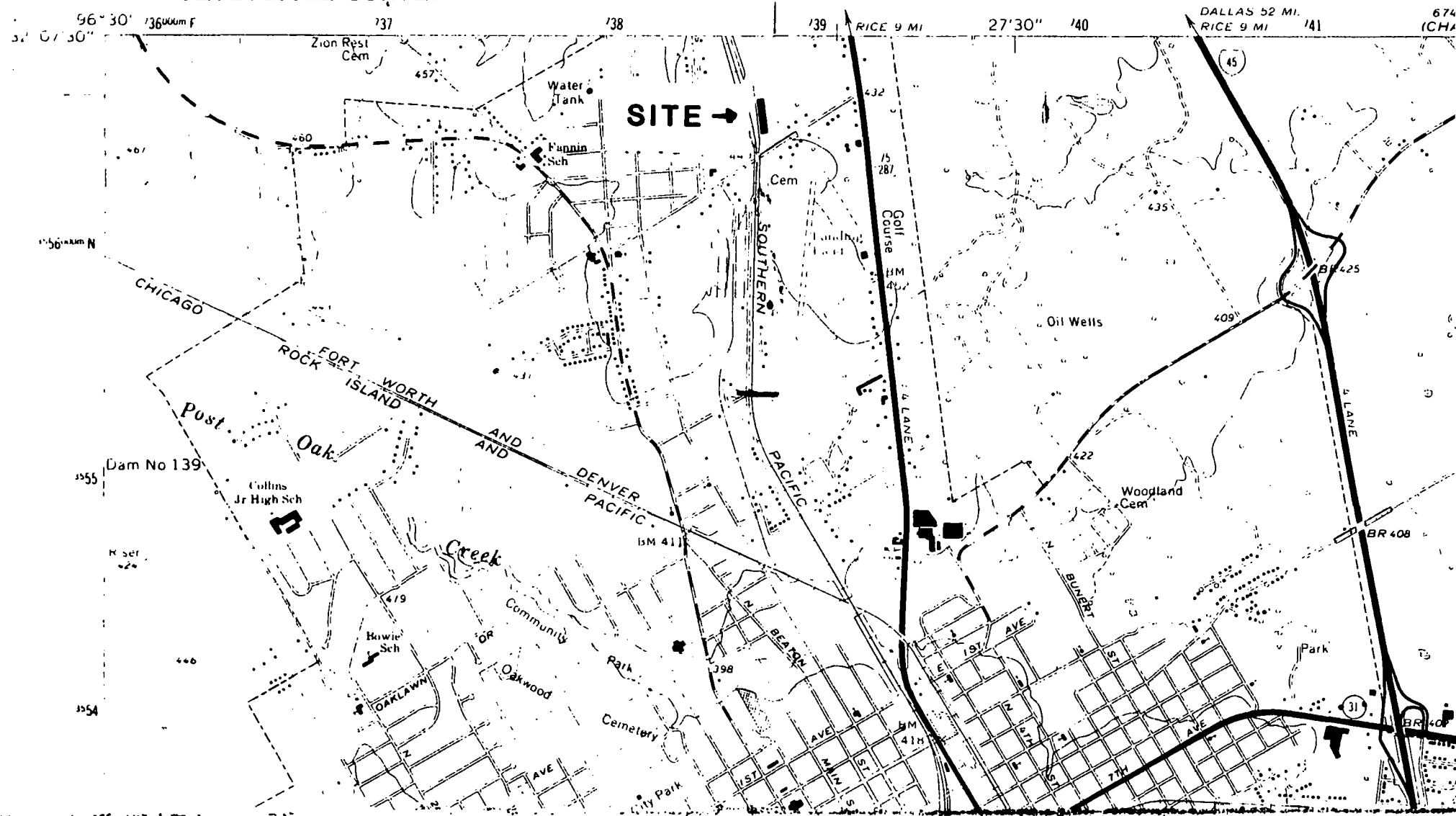
Based on the analytical results of samples taken at stations 02 and 07, the waste material itself contains high levels of several metals of concern. These include antimony, arsenic, beryllium, chromium, cobalt, copper, iron, lead, manganese, nickel, tin, vanadium, and zinc. The offsite sample taken at station 03 contains elevated levels of zinc and lead. It seems unlikely that these elevated levels are a result of leachate run off from the landfill since the ground level there is approximately 5 feet higher than the base of the landfill. This sample was originally intended to be representative of the background soil concentrations for the area; however, the elevated levels of lead and zinc preclude using this for background. Due to lower metals concentrations, the sample taken at Station 01 seems to be a better example of background concentrations even though it is on site.

The drainage ditch sample at Station 04 contains elevated concentrations of arsenic, copper, lead, tin and zinc compared to ambient background levels of these elements ("Element Concentrations in Soils and Other Surface Materials of the Conterminous United States", 1984, U.S.G.S. Paper 1270). Sample 08 is from a natural drainage basin leading from the manufacturing plant and from the location of ponds that have since been drained. The levels of arsenic, lead and zinc from this sample are higher than all other samples except from the samples of the actual waste material itself. The sample taken at station 05 is off-site in a road side ditch that receives drainage from the area of Station 08. It has elevated levels of arsenic and zinc compared to ambient background levels of these elements.

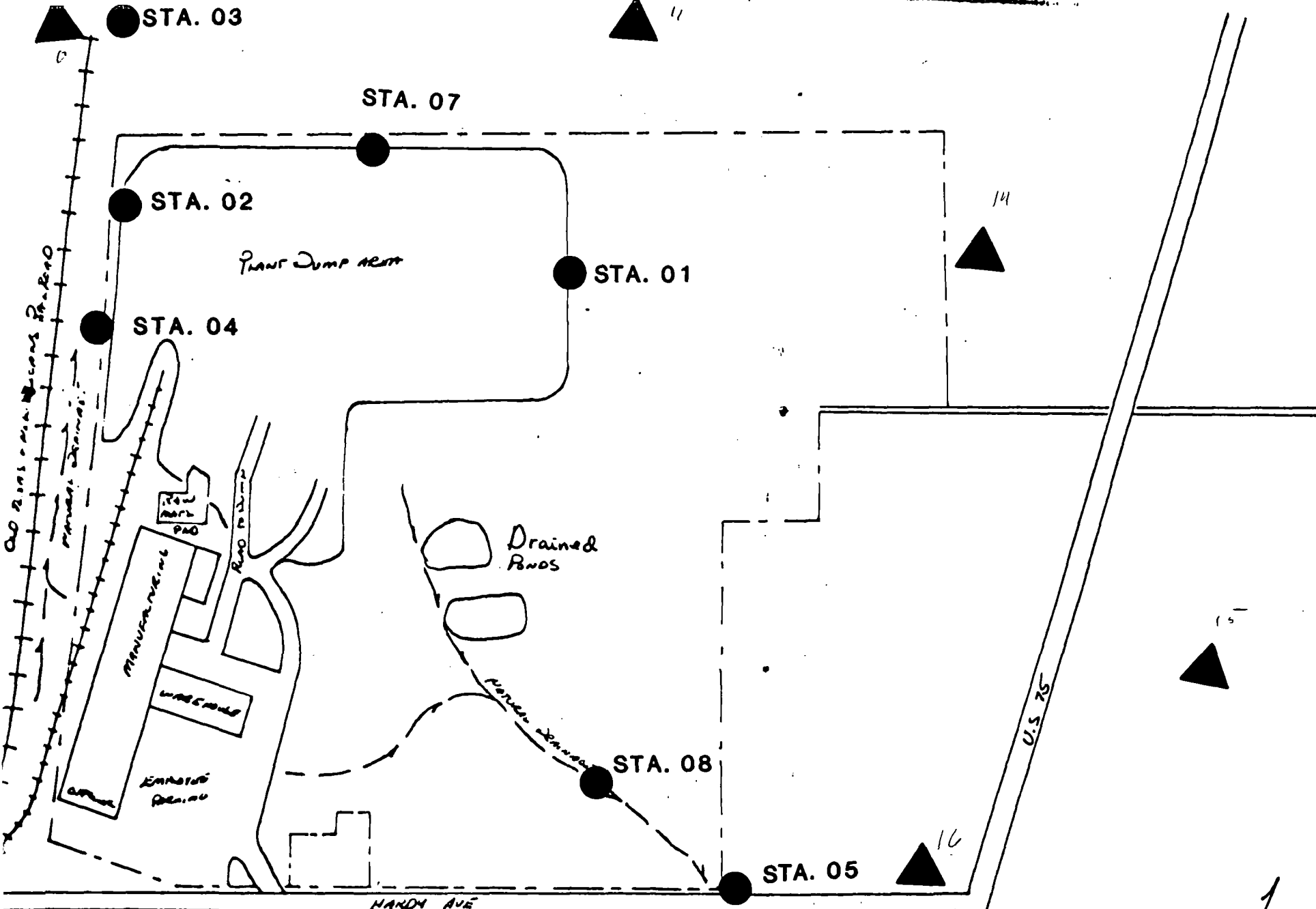
The analytical results for samples 04 and 08 indicate that contamination exists in the drainage basins on the site. However, because of the elevated zinc level in the background sample, it is not clear if contamination has reached off site to stations 05 and 06.

It seems unlikely that the elevated zinc level in Station 03 could be a result of run off from the site since it is on higher ground. One other possibility is stack emissions from the manufacturing plant. Reliable background soil concentrations are needed to determine if contamination is present off-site from either run-off or stack emissions. Therefore, the FIT recommends further off-site sampling to make these determinations. The proposed sampling plan is included in the site sketch of the facility.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



"Location of U.S. Gypsum Co."



● STA. 06

▲ 13
SITE SKETCH FOR
UNITED STATES GYPSUM CO.

▲ SAMPLE LOCATIONS

▲ ADDITIONAL OFF-SITE SAMPLES

CASE NUMBER: 3663

SITE NAME/CODE: U.S. Gypsum Co.

CONCENTRATIONS (ppm)

PARAMETER	EPA Sample Numbers										Ambient Background 1.	
	MF1865	MF1866	MF1867	MF1868	MF1869	MF1870	MF1871	MF1872	MF1873		Western U.S. 2.	Eastern U.S. 2.
Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Blank		Soil	Soil
Aluminum	9640	41500	10200	13100	6480	10700	40400	14800			58,000	33,000
Antimony		31					241				.47	.52
Arsenic R		558	9.6	40	18	9.8	6780	110			5.5	4.8
Barium	35	415	378	104	118	206	273	133	.74		580	290
Beryllium		5.6	1.2	1.2		1.2	5.0	1.5			0.68	0.55
Cadmium											<1	<1
Chromium	9.9	61	6.5	13	5.8	16	55	9.7			41	33
Cobalt		121	4.8	8.8		5.6	140				7.1	5.9
Copper		774	16	92		37	1050	10			21	13
Iron	7310	62700	8850	11900	6190	12900	60600	9260	9.4		21,000	14,000
Lead R	16	1930	50	444	14	34	21900	120			17	14
Manganese	24	1660	140	190	147	143	1290	203			380	260
Mercury											0.046	0.081
Nickel		40					65				15	11
Selenium R							18				.23	.30
Silver											-	-
Thallium											9.1	7.7
Tin R		70		27			229				.90	.96
Vanadium	16	52	12	18	11	20	43	20			70	43
Zinc *R	47	7490	233	1100	174	181	18300	700			55	40
Cyanide												
Calcium	2950	149000	9510	16600	9060	7760	145000	5980				
Magnesium	1180	21300	1620	2830	1080	2360	22000	1690	1.7			
Potassium	995	5240	835	1530	1720	1330	4530	1900	324			
Sodium	256	2030	104	273	189	147	2200	249				
Station No.	01	02	03	04	05	06	07	08	Blank		1. Values obtained from "Element Concentrations in Soils and Other Surface Materials of the Conterminous United States", dated 1984. U.S.G.S. Professional Paper 1270. 2. Reference for East/West Division is the 96°W longitudinal line which bisect Region VI.	
Sample Station Location	10' EAST OF LANDFILL	WASTE MATERIAL, N.W. CORNER OF LANDFILL	50' NORTH OF SITE AT N.W. CORNER	WEST SIDE OF LANDFILL IN DRAINAGE DITCH	DRAINAGE PATH OFF-SITE, 50' W. OF PROPERTY LINE	SOUTH OF HARDY RD. ON EAST SIDE OF R.R. TRACK	WASTE MATERIAL FROM N. SIDE OF LANDFILL	DRAINAGE PATH ≈ 1000' E. OF PLANT	RINSEATE BLANK			

E - indicates a value estimated or not reported due to the presence of interference.

R - spike sample recovery is not within control limits.

* - duplicate analysis is not within control limits.

TABLE II

Sample Station Locations

Station 01	10 feet east of the landfill adjacent to an apparent rain water run-off path at the approximate midpoint of the eastern edge of the landfill. The sample was taken at a 9 inch depth (see Photo #2).
Station 02	The northwest corner of the landfill at a depth of 9 inches. This is a sample of the waste material (see Photo #3).
Station 03	50 feet north of the property line at the northwest corner of the site (see Photo #4).
Station 04	West side of landfill in a drainage ditch on-site, next to the landfill at a depth of 6 inches (see Photo #5).
Station 05	Drainage ditch on the north side of Hardy Rd. 50 feet west of the southwestern property line of the site at a depth of 6 inches. This ditch is a continuation of the natural drainage from the site (see Photo #6).
Station 06	75 feet south of Hardy Rd. on the east side of the railroad tracks in a drainage ditch 3 feet from the tracks at a depth of 1 foot (see Photo #7).
Station 07	North side of the landfill at a depth of 6 inches. This represents the actual waste material (see Photo #8).
Station 08	Natural drainage path approximately 1000 feet east of the manufacturing plant at a depth of 6 inches (see Photo #9).



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IN ALASKA AND HAWAII, CALL 800-238-5354
SEE BACK OF FORM FOR COMPLETE PREPARATION INSTRUCTIONS

Sender's Federal Express Account Number

Date

501

0152-984002

12/18/84

From (Your Name) Hunt Corporation		Your Phone Number (Very Important) 1770 776-6601		To (Recipient's Name) Janet Backman		Recipient's Phone Number (Very Important) 703 750-3000	
Company GENCO & ENVIRONMENT INC		Department/Floor No.		Company Versar Inc		Department/Floor No.	
Street Address 1809 MAIN ST STE 814				Exact Street Address (Use of P.O. Boxes or P.O. Zip Codes Will Delay Delivery And Result In Extra Charge) 6250 Versar Center			
City DALLAS TX				City Field Va			
State TX				State			
ZIP * Zip Code Required For Correct Invoicing 75201				ZIP Street Address Zip Required (Use P.O. Box * Zip Code) 21541			

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YOUR BILLING REFERENCE INFORMATION (FIRST TWELVE CHARACTERS WILL APPEAR ON INVOICE) SW11K06840909				FEDERAL EXPRESS USE							
PAYMENT <input type="checkbox"/> Bill Shipper <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card Fill in line below: 0000-775P-4				Street Address (See Service Guide or Call 800-238-5355)							
City				State							
ZIP * Zip Code of Street Address Required				Base Charges							
Services CHECK ONLY ONE BOX 1 <input checked="" type="checkbox"/> PRIORITY 1 OVERNIGHT LETTER (Our Packaging) 2 <input type="checkbox"/> OVERNIGHT DELIVERY USING OUR PACKAGING Counter-Pak Overnight Envelopes 12" x 15" 3 <input type="checkbox"/> OVERNIGHT BOX 12 1/4" x 12 1/4" x 3" 4 <input type="checkbox"/> OVERNIGHT TUBE 38" x 6" x 6" 5 <input type="checkbox"/> STANDARD AIR Delivery not later than second business day 6 <input type="checkbox"/> SERVICE COMMITMENT PRIORITY 1 - Delivery is scheduled early next business morning in most locations. It may take two or more business days to or from Alaska or Hawaii, or if the destination is outside our primary service areas. STANDARD AIR - Delivery is generally next business day or not later than second business day. It may take three or more business days to or from Alaska or Hawaii, or if the destination is outside our primary service areas.				DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED 1 <input type="checkbox"/> HOLD FOR PICK-UP Give the Federal Express address where you want package held in <i>Section 4</i> if at right. 2 <input checked="" type="checkbox"/> DELIVER WEEKDAY 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge applies) 4 <input type="checkbox"/> RESTRICTED ARTICLES SERVICE (R.A.S.) and Standard Air Packages only. Extra charge applies. 5 <input type="checkbox"/> SIGNATURE SECURITY SERVICE (SSS) (Extra charge applies) 6 <input type="checkbox"/> DRY ICE lbs. 7 <input type="checkbox"/> OTHER SPECIAL SERVICE 8 <input type="checkbox"/> 9 <input type="checkbox"/> SATURDAY PICK-UP OR SATURDAY DROP-OFF (Extra charge applies)				PACKAGES 1 <input checked="" type="checkbox"/> 1 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> 19 <input type="checkbox"/> 20 <input type="checkbox"/> 21 <input type="checkbox"/> 22 <input type="checkbox"/> 23 <input type="checkbox"/> 24 <input type="checkbox"/> 25 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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI

1201 ELM STREET
DALLAS, TEXAS 7527012/17/84
(Date)RECEIPT FOR SAMPLES

NAME AND TITLE OF EPA REPRESENTATIVE:

Hunt Chapman
E & E chemist

(Signature)

SAMPLES COLLECTED:

SAMPLE NUMBER	TIME	PLACE COLLECTED	TYPE	VOLUME	SPLIT SAMPLE	
					REQUESTED	PROVIDED
Sta 01	1035- 1045	10' east of land fill 9" deep	Soil	1 pint	yes	yes
02	1105- 1113	NW corner of land fill 9" deep	"	"	"	"
03	1115- 1120	50' N of site at NW corner	"	"	"	"
04	1145- 1155	W. side of land fill in drainage ditch	"	"	"	"
05	1215- 1220	Drainage path off site 50 ft W of P.L.	"	"	"	"
06	1225- 1235	S. of Hardy Rd on E side of RR tracks	"	"	"	"
07	1258- 1305	Waste material from N side of land fill	"	"	"	"
08	1310- 1315	Drainage path in 1000 ft E of plant 6" deep	"	"	"	"

ACKNOWLEDGEMENT OF FACILITY REPRESENTATIVE

The undersigned acknowledges that the samples described above have been collected.

NAME, TITLE AND ADDRESS OF FACILITY REPRESENTATIVE:

Dennis Thornberg
(Signature)Dec 17, 1984
(Date)DISTRIBUTION:One copy facility representative
One copy for inspector's records
Original to Regional Office



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI

1201 ELM STREET
DALLAS, TEXAS 7527012/17/84
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SAMPLES COLLECTED:

SAMPLE NUMBER	TIME	PLACE COLLECTED	TYPE	VOLUME	SPLIT SAMPLE	
					REQUESTED	PROVIDED
Sta 01	1035- 1045	10' east of land fill 9" deep	Soil	1 pint	yes	yes
02	1105- 1113	NW corner of land fill 9" deep	"	"	"	"
03	1115- 1120	50' N of street NW corner	"	"	"	"
04	1145- 1155	W. side of land fill in drainage ditch	"	"	"	"
05	1215- 1220	Drainage path off site 50 ft W of Pile	"	"	"	"
06	1225- 1235	S. of Hardy Rd on E side of RR tracks	"	"	"	"
07	1258- 1305	Waste material from N side of land fill	"	"	"	"
08	1310- 1315	Drainage path at 1000 ft E of plant 6" deep	"	"	"	"

ACKNOWLEDGEMENT OF FACILITY REPRESENTATIVE

The undersigned acknowledges that the samples described above have been collected.

NAME, TITLE AND ADDRESS OF FACILITY REPRESENTATIVE:

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(Signature)Dec 17, 1984
(Date)DISTRIBUTION:

One copy facility representative
One copy for inspector's records
Original to Regional Office



Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1045 - Southwest

Comments: Sampling Station
01 on the east side
of the landfill.

Photo # 2



Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1113 - facing East

Comments: Sampling station 02
on the NW corner of the
landfill.

Photo # 3



Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1120 - facing SE.

Comments: Station 03 50'
north of site at the NW
corner. (Off-site station)

Photo # 4



Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1155 - facing SE

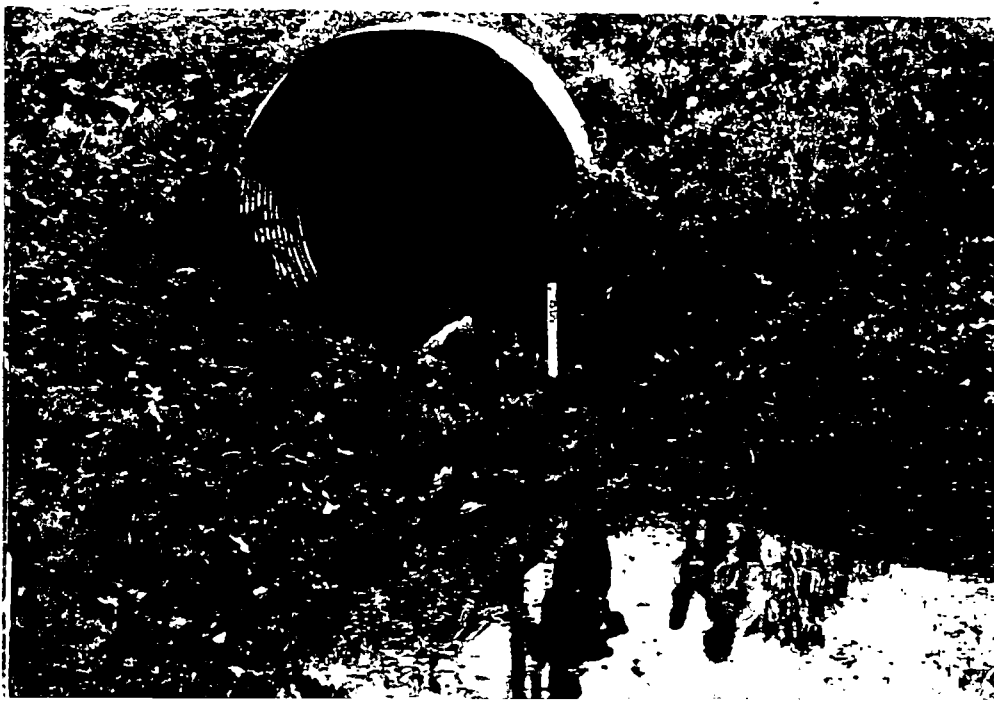
Comments: Station 04 on the
west side of landfill in
drainage ditch.

Photo #5

Photographer / Witness

Date / Time / Direction

Comments:



Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1220 - facing West

Comments: Station 05, Drainage
path off site 50 ft west
of property line.

Photo #6

Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1235 - facing North

Comments: Station 06 75 ft.

South of Hardy Rd on the
East side of railroad tracks.

Photo # 7

Photographer / Witness

Date / Time / Direction

Comments:

Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1305 - facing South

Comments: Station 07 North
side of landfill.

Photo # 8

Photographer / Witness

Hunt Chapman / Bernard Cousin

Date / Time / Direction

12/17/84 - 1315 - facing south

Comments: Station 08. Drain-

age path approx. 1000 ft.

East of plant.

Photo # 9

Photographer / Witness

Date / Time / Direction

Comments: _____

Photographer / Witness

Date / Time / Direction

Comments: _____

file

ECOLOGY AND ENVIRONMENT, INC.,

REGION VI

MEMORANDUM

TO: Keith Bradley, Region VI RPO

FROM: Hunt Chapman, Chemist

THRU: K.H. Malone, RPM *KHM*

DATE: December 12, 1985

SUBJ: Sampling inspection at U.S. Gypsum, Corsicana, TX. (TX10022)
TDD# R06-8507-20

On August 27, 1985, the FIT (Hunt Chapman and Francis Verhalen) conducted an off-site sampling inspection at U.S. Gypsum in Corsicana, TX. The activity at this site is the manufacture of wool insulation from steel mill slag and basalt. Seven low soil samples were taken and analyzed for metals only.

The sample results from an earlier sampling inspection (December 17, 1984) conducted by the FIT, did not clearly define the ambient soil background concentrations for metals in the area. The purpose of the August 27th sampling inspection was to take additional off site soil samples to better characterize these background concentrations and specifically determine if the levels of zinc at Stations 05 and 06 represent significant contamination.

Table 1 lists the sampling locations and a description of their proximity to the site. Stations 01-08 were sampled on December 17, 1984 and Stations 10-16 were sampled on August 27, 1985. The stations are also shown on the site sketch included in this report.

From the samples taken on August 27th, Stations 14, 15 and 16 seem to be representative of background values for this area. Stations 10, 11, 12 and 13 contain elevated levels of zinc and lead. Stations 10 and 11 also contain elevated levels of arsenic. The spike recovery for this compound is low indicating that the true Arsenic concentrations may be higher. Station 10 appears to have an elevated level of mercury, however, the lab blank and rinsate blank contain mercury indicating cross contamination.

Considering the proximity of these stations to the site, the elevated levels of lead and zinc tend to support the earlier hypothesis (June 13, 1985 memo from Hunt Chapman to EPA) that these elevated levels may represent contamination via air emissions from the U.S. Gypsum site. Stations 10 and 11 are north of the U.S. Gypsum plant and Stations 12 and 13 are south of

the plant. Considering the prevailing winds in the area (from the south or north), the areas of these stations would be logical areas of particulate deposition from stack emissions. Fugitive dust from the landfill is also a consideration as a source of particulate contamination. While sampling, the FIT observed dust from trucks on the landfill dumping waste material.

In a site inspection report dated August 25, 1983, it was stated that U.S. Gypsum filters their stack emissions for particulates and SO₂ in accordance with permits they hold through the Texas Air Control Board. It is recommended that the Texas Air Control Board be contacted in order to review the U.S. Gypsum stack emission permit and monitoring data if available. If possible, an estimate of the impact of the stack emissions relative to the concentrations found during sampling should be done to determine if all of the contamination is coming from the stack or if part of it could be from an additional source, i.e. fugitive dust from the landfill. In addition, since the zinc concentrations are significant, more off-site sampling should be conducted to determine the extent of contamination to the north and south of the site. This sampling should include surface soil and ambient air monitoring to fully assess the health effects of the contamination.

As stated earlier, the additional off-site sampling on August 27th was done to determine if contamination had reached Stations 05 and 06. From this data, it appears that it has. However, since these samples were taken in probable drainage pathways, it can not be ascertained whether or not it is a result of run-off or air deposition. It should be noted that Station 05 is in the drainage pathway used when two ponds on site were drained and filled by U.S. Gypsum. It is not known what was in the ponds, but the drainage elicited complaints from neighbors.

An additional task in this TDD was to check the State files and report on U.S. Gypsum's RCRA status. The only item in the State's files on U.S. Gypsum is the Part I application submitted by them on June 6, 1983. A copy of this application is included in this report.

Recommendations:

- 1) Obtain a copy of U.S. Gypsum's air permit and monitoring data from the Texas Air Control Board.
- 2) Take additional soil sample to determine the extent of contamination. Take air samples around the landfill to check for air contamination.

TABLE I
SAMPLES TAKEN ON DECEMBER 17, 1984

	DESCRIPTION
Station 01	10 feet east of landfill (6" deep)
Station 02	Sample of the waste material from the NW corner of the landfill
Station 03	50 feet north of the site at the NW corner
Station 04	West side of the landfill in drainage ditch (10 feet from the edge of the landfill)
Station 05	Drainage path off-site approximately 50 feet west of the property line
Station 06	South of Hardy Road 6 feet east of RR track
Station 07	Sample of waste material from the north side of the landfill
Station 08	Drainage path on-site approximately 1000 feet east of manufacturing plant

SAMPLES TAKEN ON AUGUST 27, 1985

Station 10	1/4 mile north of site and 100 feet east of RR track
Station 11	Approx. 1/2 mile north of NE corner of landfill
Station 12	Approx 1/4 mile south of site and 50 feet east of RR tracks next to barbed wire fence on a hill
Station 13	Approx 1/4 mile south of Hardy Ave in vacant lot behind mini storage warehouse
Station 14	500 feet west of Highway 75 behind East Texas District Office of the Pentecostal Church of God.
Station 15	Approx 2 miles down Fife Road behind Kingdom Hall of Jehovah's Witnesses
Station 16	Directly east of Hardy Road approx. 100' east and across Highway 75

INORGANIC SOIL ANALYSIS SUMMARY

Page 1 of 1

CASE NUMBER: 4788
 SITE NAME/CODE: U.S. Gypsum
 TX10022

CONCENTRATIONS (ppm)

EPA Sample Numbers

AMBIENT BACKGROUND I.

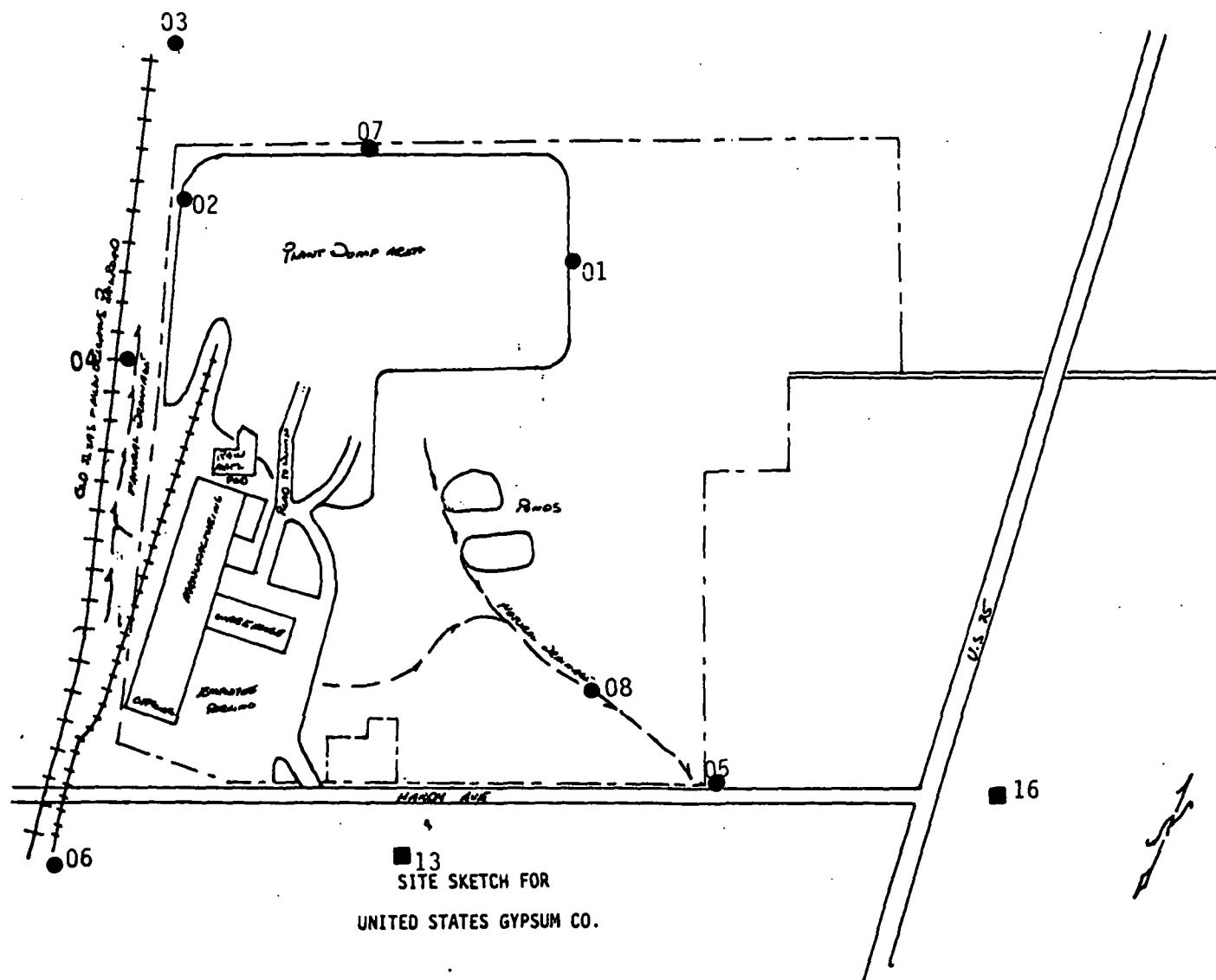
PARAMETER	EPA Sample Numbers									AMBIENT BACKGROUND I.	
	MFB362	MFB363	MFB364	MFB365	MFB366	MFB367	MFB368	MFB369		Western U.S. 2.	Eastern U.S. 2.
Matrix type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		Soil	Soil
Aluminum	1910E	4110E	2950E	5130E	4380E	2500E	1530E	41E		58,000	33,000
Antimony	35R	23R	8.6R	8.1R	7.4R	3.2R	2.5R	1.1R		.47	.52
Arsenic	48	31	41	90	81	38	43			5.5	4.8
Barium										580	290
Beryllium										0.68	0.55
Cadmium										1	1
Calcium	2070	2830	1530	9720	2970	3430	2950	82			
Chromium			4.6	11						41	33
Cobalt										7.1	5.9
Copper	6.7	3.7	4.4	6.4		3.3	3			21	13
Iron	2570	5210	4140	11,400	4330	4220	4270			21,000	14,000
Lead	178	155	44	101	32	20	38			17	14
Magnesium	322	554	369	771	629	395	191				
Manganese	193	44	34	125	65	80	105			380	260
Mercury +	0.11	0.059	0.073	0.079	0.05	0.03	0.57	0.025		0.046	0.081
Nickel										15	11
Potassium	225	306	312	905	405	301					
Selenium										.23	.30
Silver										-	-
Sodium	459	494	475	586	534	475	505	343			
Thallium										9.1	7.7
Tin										.90	.96
Vanadium				21						70	43
Zinc	536	303	172	216	57	71	66			55	40
Cyanide											
Station No.	10	11	12	13	14	15	16	17			
Sample Location	1/4 MI. N. OF SITE AND 100' E. OF R.R. TRACKS	1/2 MI. N. OF N.E. CORNER OF LANDFILL	1/4 MI. S. OF SITE AND 50' E. OF R.R. TRACKS	1/4 MI. S. OF HARDY AVE. IN VACANT LOT	500' W. OF HWY 75 BEHIND CHURCH OFFICE	2 MILES DOWN FIFE RD.	100' E. OF HWY 75, E. OF HARDY RD.	FIELD RINSATE BLANK			

1. Values obtained from "Element Concentration Soils and Other Surface Materials of the Conterminous United States", dated 1984. U.S.G.S. Professional Paper 127

2. Reference for East West Division is the 96 W longitudinal line which bisects Region V

E-indicates a value estimated or not reported due to the presence of interference.
 R-spike sample recovery is not within control limits.
 *-duplicate analysis is not within control limits.
 +-LAB BLANK WAS 0.06 PPB

7/85



CASE NUMBER: 3663

12/17/84 - sampling

SITE NAME/CODE: U.S. Gypsum Co.

CONCENTRATIONS (ppm)

PARAMETER	EPA Sample Numbers									Ambient Background 1.	
	MF1865	MF1866	MF1867	MF1868	MF1869	MF1870	MF1871	MF1872	MF1873	Western U.S. 2.	Eastern U.S. 2.
Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Blank	Soil	Soil
Aluminum	9640	41500	10200	13100	6480	10700	40400	14800		58,000	33,000
Antimony		31					241			.47	.52
Arsenic R		558	9.6	40	18	9.8	6780	110		5.5	4.8
Barium	35	415	378	104	118	206	273	133	.74	580	290
Beryllium		5.6	1.2	1.2		1.2	5.0	1.5		0.68	0.55
Cadmium										<1	<1
Chromium	9.9	61	6.5	13	5.8	16	55	9.7		41	33
Cobalt		121	4.8	8.8		5.6	140			7.1	5.9
Copper		774	16	92		37	1050	10		21	13
Iron	7310	62700	8850	11900	6190	12900	60600	9260	9.4	21,000	14,000
Lead R	16	1930	50	444	14	34	21900	120		17	14
Manganese	24	1660	140	190	147	143	1290	203		380	260
Mercury										0.046	0.081
Nickel		40					65			15	11
Selenium R							18			.23	.30
Silver										-	-
Thallium										9.1	7.7
Tin R		70		27			229			.90	.96
Vanadium	16	52	12	18	11	20	43	20		70	43
Zinc *R	47	7490	233	1100	174	181	18300	700		55	40
Cyanide											
Calcium	2950	149000	9510	16600	9060	7760	145000	5980			
Magnesium	1180	21300	1620	2830	1080	2360	22000	1690	1.7		
Potassium	995	5240	835	1530	1720	1330	4530	1900	324		
Sodium	256	2030	104	273	189	147	2200	249			
Station No.	01	02	03	04	05	06	07	08	Blank		
Sample Station Location	10' EAST OF LANDFILL	WASTE MATERIAL, N.W. CORNER OF LANDFILL	50' NORTH OF SITE AT N.W. CORNER	WEST SIDE OF LANDFILL IN DRAINAGE DITCH	DRAINAGE PATH OFF-SITE 50' W. OF PROPERTY LINE	SOUTH OF HARDY RD. ON EAST SIDE OF R.R. TRACK	WASTE MATERIAL FROM N. SIDE OF LANDFILL	DRAINAGE PATH ≈ 1000' E. OF PLANT	RINSEATE BLANK		

E - indicates a value estimated or not reported due to the presence of interference.

R - spike sample recovery is not within control limits.

* - duplicate analysis is not within control limits.

1. Values obtained from "Element Concentrations in Soils and Other Surface Materials of the Conterminous United States", dated 1984. U.S.G.S. Professional Paper 1270.

2. Reference for East/West Division is the 96°W longitudinal line which bisects Region VI.

PART I : GENERAL INFORMATION

33331

A Does your firm generate Industrial Solid Waste(s) as defined in the TDWR Rules?

☒ Yes ☐ NoB. Company Name United States Gypsum CompanyPlant - P.O. Box 1948 Corsicana TEXAS 75110

P.O. Box

City

State

Zip

Plant - Street Address Hardy Avenue Corsicana Texas 75110

Address

City

State

Zip

Headquarters (if other than above):

101 South Wacker Drive Chicago Illinois 60606

P.O. Box/Street

City

State

Zip

C. Give the location of any disposal site(s) controlled by your firm other than plant or manufacturing site listed in Section B above:

1. None Location City County State Zip

2. Location City County State Zip

3. Location City County State Zip

D. Number of persons employed: 80 U.S. EPA I.D. Number

N	O	N	E						
---	---	---	---	--	--	--	--	--	--

E. Person to be contacted regarding solid waste management:

R. J. SkewesWorks Manager

Phone:

214 874-4781

Name

Title

Area Code

Telephone Number

F. Give numbers of any TDWR permits, orders, etc. held, or applied for, by your firm (specify type):

None

G. Nature of business and/or description of products manufactured:

Manufacture of mineral fiber insulation.

H. I certify the information herein is complete and accurate to the best of my knowledge:

R. J. Skewes
Signature6/6/83
Date78
06/0

PART II : WASTE INVENTORY

WASTE DESCRIPTION				DISPOSITION																																			
A. WASTE NO. <u>1</u> OF <u>3</u>		B. SIC CODE (if known) <u>3296</u>		I. NUMBER OF OFF-SITE WASTE SHIPMENTS PER MONTH: <u>None</u>																																			
C. FORM (check one) <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Sludge/Slurry _____ % solid		D. QUANTITY GENERATED PER MONTH: <u>2,700,000</u> (estimated) <input type="checkbox"/> Gallons <input checked="" type="checkbox"/> Pounds <input type="checkbox"/> Cubic Yards		J. <input checked="" type="checkbox"/> ON-SITE WASTE MANAGEMENT FACILITIES FACILITY USE: <input type="checkbox"/> Storage <input type="checkbox"/> Treatment <input type="checkbox"/> Recovery <input checked="" type="checkbox"/> Disposal																																			
F. CHARACTERISTICS: pH <u>6-7</u> Solubility <u>Insoluble</u> (g/100g H ₂ O) Corrosion <u>D.N.A.</u> (mm/yr) Toxicity <u>D.N.A.</u> (LD ₅₀ , LC ₅₀ , LDL ₀) Flash Point <u>DNA</u> °C		E. Predominately: <input type="checkbox"/> Organic <input checked="" type="checkbox"/> Inorganic		K. WASTE FACILITY DESCRIPTION: (indicate Type, Size, Capacity) <u>On site landfill. Approximately 10 acres.</u>																																			
G. DESCRIPTION (major components): <u>Solid waste from manufacture of mineral fiber insulation. Chemistry and appearance closely resembles sand.</u>																																							
H. Is this a hazardous waste as defined by the U.S. EPA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If "yes", provide EPA hazardous waste number in spaces below)																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1</td><td></td><td></td><td></td><td>2</td><td></td><td></td><td></td><td>3</td><td></td><td></td><td></td><td>4</td><td></td><td></td><td></td> </tr> <tr> <td>5</td><td></td><td></td><td></td><td>6</td><td></td><td></td><td></td><td>7</td><td></td><td></td><td></td><td>8</td><td></td><td></td><td></td> </tr> </table>								1				2				3				4				5				6				7				8			
1				2				3				4																											
5				6				7				8																											
A. WASTE NO. <u>2</u> OF <u>3</u>		B. SIC CODE (if known) <u>3296</u>		I. NUMBER OF OFF-SITE WASTE SHIPMENTS PER MONTH: <u>None</u>																																			
C. FORM (check one) <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Sludge/Slurry _____ % solid		D. QUANTITY GENERATED PER MONTH: <u>200,000</u> (estimated) <input type="checkbox"/> Gallons <input checked="" type="checkbox"/> Pounds <input type="checkbox"/> Cubic Yards		J. <input checked="" type="checkbox"/> ON-SITE WASTE MANAGEMENT FACILITIES FACILITY USE: <input type="checkbox"/> Storage <input type="checkbox"/> Treatment <input type="checkbox"/> Recovery <input checked="" type="checkbox"/> Disposal																																			
F. CHARACTERISTICS: pH <u>6-7</u> Solubility <u>Insoluble</u> (g/100g H ₂ O) Corrosion <u>D.N.A.</u> (mm/yr) Toxicity <u>D.N.A.</u> (LD ₅₀ , LC ₅₀ , LDL ₀) Flash Point <u>D.N.A.</u> °C		E. Predominately: <input type="checkbox"/> Organic <input checked="" type="checkbox"/> Inorganic		K. WASTE FACILITY DESCRIPTION: (indicate Type, Size, Capacity) <u>Same as waste #1</u>																																			
G. DESCRIPTION (major components): <u>Off specification Mineral fiber insulation</u>																																							
H. Is this a hazardous waste as defined by the U.S. EPA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If "yes", provide EPA hazardous waste number in spaces below)																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1</td><td></td><td></td><td></td><td>2</td><td></td><td></td><td></td><td>3</td><td></td><td></td><td></td><td>4</td><td></td><td></td><td></td> </tr> <tr> <td>5</td><td></td><td></td><td></td><td>6</td><td></td><td></td><td></td><td>7</td><td></td><td></td><td></td><td>8</td><td></td><td></td><td></td> </tr> </table>								1				2				3				4				5				6				7				8			
1				2				3				4																											
5				6				7				8																											
A. WASTE NO. <u>3</u> OF <u>3</u>		B. SIC CODE (if known) <u>3296</u>		I. NUMBER OF OFF-SITE WASTE SHIPMENTS PER MONTH: <u>10</u>																																			
C. FORM (check one) <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Sludge/Slurry _____ % solid		D. QUANTITY GENERATED PER MONTH: <u>160</u> (estimated) <input type="checkbox"/> Gallons <input type="checkbox"/> Pounds <input checked="" type="checkbox"/> Cubic Yards		J. <input type="checkbox"/> ON-SITE WASTE MANAGEMENT FACILITIES FACILITY USE: <input type="checkbox"/> Storage <input type="checkbox"/> Treatment <input type="checkbox"/> Recovery <input type="checkbox"/> Disposal																																			
F. CHARACTERISTICS: pH <u>D.N.A.</u> Solubility <u>D.N.A.</u> (g/100g H ₂ O) Corrosion <u>D.N.A.</u> (mm/yr) Toxicity <u>D.N.A.</u> (LD ₅₀ , LC ₅₀ , LDL ₀) Flash Point <u>D.N.A.</u> °C		E. Predominately: <input checked="" type="checkbox"/> Organic <input type="checkbox"/> Inorganic		K. WASTE FACILITY DESCRIPTION: (indicate Type, Size, Capacity) <u>Municipal sanitary landfill.</u>																																			
G. DESCRIPTION (major components): <u>Waste paper, used pallets and general plant trash.</u>																																							
H. Is this a hazardous waste as defined by the U.S. EPA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If "yes", provide EPA hazardous waste number in spaces below)																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1</td><td></td><td></td><td></td><td>2</td><td></td><td></td><td></td><td>3</td><td></td><td></td><td></td><td>4</td><td></td><td></td><td></td> </tr> <tr> <td>5</td><td></td><td></td><td></td><td>6</td><td></td><td></td><td></td><td>7</td><td></td><td></td><td></td><td>8</td><td></td><td></td><td></td> </tr> </table>								1				2				3				4				5				6				7				8			
1				2				3				4																											
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DW0550

TEXAS DEPARTMENT OF WATER RESOURCES
NOTICE OF REGISTRATION
INDUSTRIAL SOLID WASTE GENERATION/DISPOSAL

10-1

THIS IS NOT A PERMIT AND DOES NOT CONSTITUTE AUTHORIZATION OF ANY WASTE MANAGEMENT ACTIVITIES OR FACILITIES LISTED BELOW. REQUIREMENTS FOR SOLID WASTE MANAGEMENT ARE PROVIDED BY TEXAS ADMINISTRATIVE CODE SECTION 335 OF THE RULES OF THE TEXAS DEPARTMENT OF WATER RESOURCES (TDWR). CHANGES OR ADDITIONS TO WASTE MANAGEMENT METHODS REFERRED TO IN THIS NOTICE REQUIRE WRITTEN NOTIFICATION TO THE TDWR.

DATE OF NOTICE: 09-30-83

REGISTRATION DATE: 09-30-83

REGISTRATION NUMBER: [REDACTED]

EPA I.D. NUMBER: TXD007354392

THE REGISTRATION NUMBER PROVIDES ACCESS TO STORED INFORMATION PERTAINING TO YOUR OPERATION. PLEASE REFER TO THAT NUMBER IN ANY CORRESPONDENCE.

COMPANY NAME: [REDACTED]

P.O. BOX 1948
CORSICANA, TX.

75110

GENERATING SITE LOCATION:

HARDY AVENUE, CORSICANA

CONTACT PERSON: R.J. SKEWES

PHONE: (214) 874-4781

NUMBER OF EMPLOYEES: 50 - 99

TDWR DISTRICT: 04

REGISTRATION STATUS: ACTIVE

HAZARDOUS WASTE STATUS: NON-HANDLER

I. WASTE GENERATED:

WASTE NUMBER	DESCRIPTION	CLASS	CODE	DISPOSITION
-----------------	-------------	-------	------	-------------

001	INSULATION (MINERAL FIBER) MFG WASTES	II	275980	ON-SITE
002	INSULATION, MINERAL FIBER	II	275990	ON-SITE
003	PLANT REFUSE, GENERAL MISC.	II	279760	OFF-SITE

II. SHIPPING/REPORTING: NOT APPLICABLE

III. ON-SITE WASTE MANAGEMENT FACILITIES:

NOTICE OF REGISTRATION (CONTINUED)
REGISTRATION NUMBER: 33331
COMPANY NAME: UNITED STATES GYPSUM CO.

PAGE 2

FAC NO.	FACILITY	STATUS
01	LANDFILL DISPOSAL OF WASTE NUMBER(S) 001, 002	ACTIVE

UNLESS OTHERWISE STATED ABOVE, FACILITIES ARE LOCATED
AT HARDY AVENUE, CORSICANA
COUNTY OF NAVARRO

IV. RECORDS: NOT APPLICABLE

FEDERAL

THIS SERVICE FOR DELIVERING PACKAGES FROM POINTS WITHIN THE U.S.A. IS AVAILABLE FOR DELIVERY TO ADDRESSES IN ALASKA AND HAWAII. CALL 800-238-5355 FOR MORE INFORMATION.

Sender's Federal Express Account Number

Date

30498

0712-1640-3

8/27/85

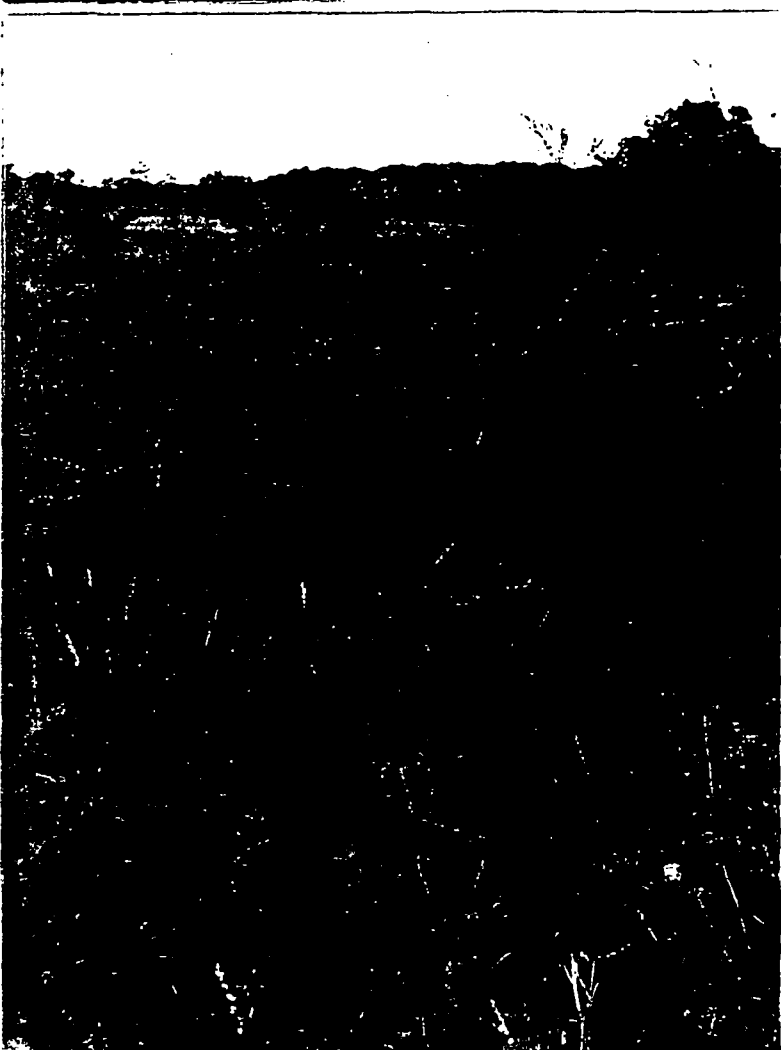
From (Your Name) Hunt Chapman		Your Phone Number (Very Important) 814-742-4441		To (Recipient's Name) Charles Manos		Recipient's Phone Number (Very Important)	
Company ECOLOGOY & ENVIRONMENT INC		Department/Floor No.		Company Radion Corp		Department/Floor No.	
Street Address 1209 MAIN ST STE 014				Exact Street Address (Use of P.O. Boxes or P.O. * Zip Codes Will Delay Delivery And Result In Extra Charge) 8501 M. A. C. BLVD			
City DALLAS		State TX		City Austin Tx		State	
AIRBILL NO. 851764690				ZIP * Zip Code Required For Correct Invoicing 75301		ZIP Street Address Zip Required (Use P.O. Box * Zip Only) 78759	

YOUR BILLING REFERENCE INFORMATION (FIRST TWELVE CHARACTERS WILL APPEAR ON INVOICE) SAMKOC 830120				HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS ADDRESS: Street Address (See Service Guide or Call 800-238-5355) City _____ State _____				Federal Express Use Base Charges _____ Declared Value Charge _____ Origin Agent Charge _____ Other _____ Total Charges _____							
PAYMENT <input type="checkbox"/> Bill-Shipper <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill Credit Card <input type="checkbox"/> Cash FedEx Acct. No. or Major Credit Card No.				DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED 1 <input type="checkbox"/> HOLD FOR PICK-UP Give the Federal Express address where you want package held in Section 8 if at right. 2 <input checked="" type="checkbox"/> DELIVER WEEKDAY 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge applies) 4 <input type="checkbox"/> RESTRICTED ARTICLES SERVICE (RAS) and Standard Air Packages only (Extra charge applies) 5 <input type="checkbox"/> SIGNATURE SECURITY SERVICE (SSS) (Extra charge applies) 6 <input type="checkbox"/> DRY ICE _____ Lbs. 7 <input type="checkbox"/> OTHER SPECIAL SERVICE 8 <input type="checkbox"/> 9 <input type="checkbox"/> SATURDAY PICK-UP OR SATURDAY DROP-OFF (Extra charge applies)				PACKAGES WEIGHT YOUR DECLARED VALUE (See right) OVER SIZE <table border="1"> <tr> <td>1</td> <td>40</td> <td></td> </tr> <tr> <td>Total</td> <td>40</td> <td>Total</td> </tr> </table> Received At <input type="checkbox"/> Shipper's Door <input type="checkbox"/> Regular Stop <input checked="" type="checkbox"/> On-Call Stop <input checked="" type="checkbox"/> FedEx Loc. Federal Express Corp. Employee No. 33546 Date/Time For Federal Express Use 8/27/85		1	40		Total	40	Total
1	40														
Total	40	Total													
SERVICES CHECK ONLY ONE BOX PRIORITY 1 OVERNIGHT LETTER 1 <input type="checkbox"/> Overnight Delivery (Using Your Packaging) 6 <input type="checkbox"/> (Our Packaging) 9"x12" OVERNIGHT DELIVERY USING OUR PACKAGING 2 <input type="checkbox"/> Courier-Pick Overnight Envelope 12"x15" 3 <input type="checkbox"/> Overnight Box 12W x 17H x 3" A <input type="checkbox"/> 4 <input type="checkbox"/> Overnight Tube 36" x 6" x 6" B <input type="checkbox"/> STANDARD AIR 5 <input type="checkbox"/> Delivery not later than second business day SERVICE COMMITMENT PRIORITY 1 - Delivery is guaranteed early next business morning in most locations. It may take two or more business days to some areas, or if the destination is outside our primary service area. STANDARD AIR - Delivery is generally next business day or not later than second business day. It may take three or more business days to some areas, or if the destination is outside our primary service area.				YOUR DECLARED VALUE DAMAGE OR LOSS We are liable for no more than \$100 per package in the event of physical loss or damage, unless you fill in a higher Declared Value to the left and document higher actual loss in the event of a claim. We charge \$50 for each additional \$100 of declared value up to the maximum shown in our Service Guide. Declared value restrictions are shown on the back of the Shipper's Copy of this bill. We make no express or implied warranties. DELAY There is always a risk of late delivery or non-delivery. In the event of a late delivery Federal Express will, at your request, refund all transportation charges paid. See back of Shipper's Copy of this bill for further information. CONSEQUENTIAL DAMAGES We will not be responsible or liable for any loss or damage resulting from delay, non-delivery or damage to a package, except as noted above. This includes loss of sales, income, interest, profits, attorneys' fees and other costs, but is not limited to these items. Such damages are called "consequential damages."											

SHIPPER'S COPY

PART
#2041738901
FEC-S-751-1000
REVISION DATE
10/84
PRINTED U.S.A. SRC

[illegible]



Photographer / Witness

Chapman / Verhalen

Date / Time / Direction

8-27-85 / 1030 / Facing NE

Comments: Station 10

Photographer / Witness

~~Date / Time / Direction~~

~~Comments: _____~~

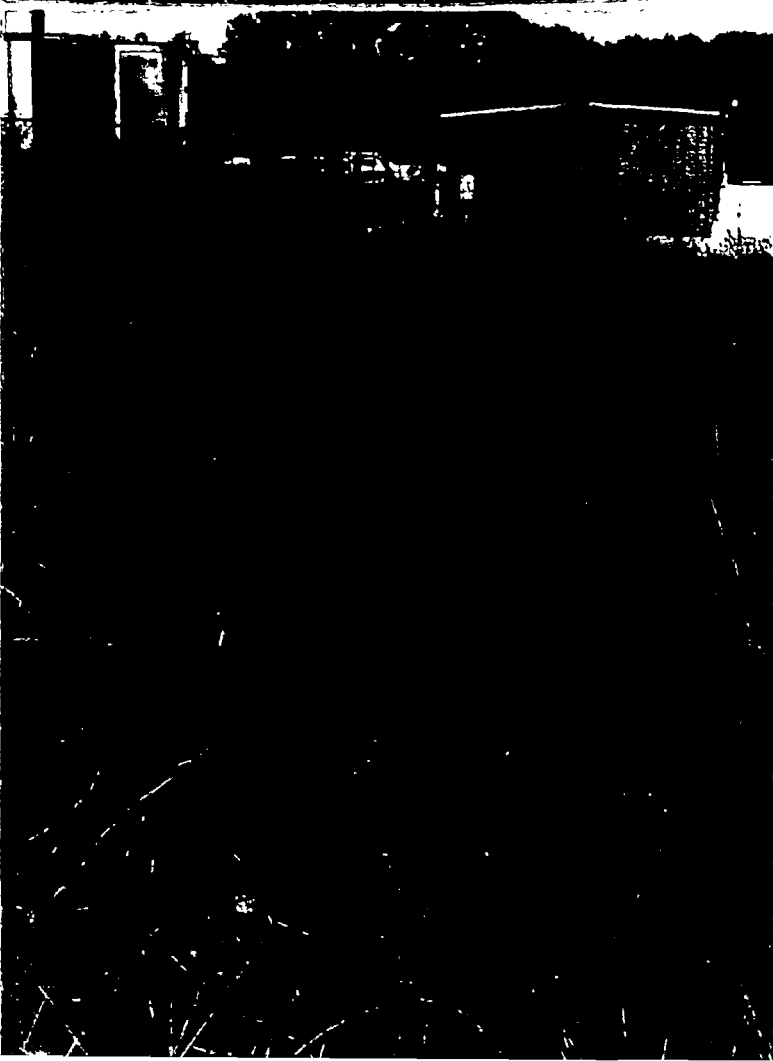
Photographer / Witness

Chapman / Verhalen

Date / Time / Direction

8-27-85 / 1045 / Facing South

Comments: Station 11



Photographer / Witness

Chapman / Verhalen

Date / Time / Direction

8-27-85 / 1110 / Facing North

Comments: Station 12

Photographer / Witness

~~Date / Time / Direction~~

~~Comments: _____~~

Photographer / Witness

Chapman / Verhalen

Date / Time / Direction

8-27-85 / 1130 / Facing North

Comments: Station 13



Photographer / Witness

Chapman / Verhalen

Date / Time / Direction

8-27-85 / 1145 / Facing East

Comments: Station 14

Photographer / Witness

~~Date / Time / Direction~~

~~Comments:~~



Photographer / Witness

Chapman / Verhalen

Date / Time / Direction

8-27-85 / 1200 / Facing South

Comments: Station 15



Photographer / Witness

Date / Time / Direction

Comments:

Photographer / Witness

Chapman / Verhalen

Date / Time / Direction

8-27-85 / 1210 / Facing West

Comments: Station 16

Photographer / Witness

Date / Time / Direction

Comments:



**POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT**

REGION	SITE NUMBER (to be assigned by HQ)
6	TX 10022

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME United States Gypsum Company		B. STREET (or other identifier) Hardy Ave.	
C. CITY Corsicana	D. STATE Texas	E. ZIP CODE 75000	F. COUNTY NAME Navarra
G. OWNER/OPERATOR (if known) 1. NAME F.P. May, Manager - Environmental Tech.		2. TELEPHONE NUMBER (312) 321-3769	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			

I. SITE DESCRIPTION
Waste disposal area (landfill) on plant property. Wastes disposed from 1970-1975.

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) CERCLA Notification response - 1-084	K. DATE IDENTIFIED (mo., day, & yr.) 6-8-81
---	---

L. PRINCIPAL STATE CONTACT 1. NAME Unknown	2. TELEPHONE NUMBER
---	---------------------

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE <input checked="" type="checkbox"/> 5. UNKNOWN	
B. RECOMMENDATION <input type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input checked="" type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)	

C. PREPARER INFORMATION 1. NAME Gerard A. Gallagher III - FIT	2. TELEPHONE NUMBER (214) 742-0661	3. DATE (mo., day, & yr.) 1-18-83
--	---------------------------------------	--------------------------------------

III. SITE INFORMATION

A. SITE STATUS <input type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if intermittently.) <input type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes.) <input checked="" type="checkbox"/> 3. OTHER (specify): <u>Unknown</u> (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)		
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): <u>3296</u>		
C. AREA OF SITE (in acres) Unknown	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.—min.—sec.) Unknown 2. LONGITUDE (deg.—min.—sec.) Unknown	
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): <u>Manufacturing facility</u>		

Continued From Front

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION	X	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Plant is a manufacturer of mineral fibre. Waste was disposed of in a landfill along the northern-most portion of the plant property, and along the Texas and New Orleans Railroad. Recommend that the FIT be tasked to conduct a reconnaissance inspection of this site to determine the hazard potential.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☒ 1. UNKNOWN ☐ 2. LIQUID ☐ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☒ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☐ 7. REACTIVE ☒ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Unknown

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			X (7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			X (10) METALS		
			X (11) OTHER (specify) formaldehyde		

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Arsenic, lead, phenol, formaldehyde

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Operator indicates waste to be heavy metals (lead, arsenic)

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify): insufficient information to provide a hazard description				

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

Unknown

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify): _____
☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER
☐ 10. OTHER (specify): _____

B. IN COMPLIANCE?

- ☐ 1. YES ☐ 2. NO ☒ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE ☐ B. YES (summarize below)

Unknown

IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Files Search	Jan, 83	FIT	No additional information on this site was found in IDWR files

X. REMEDIAL ACTIVITY (past or on-going)

- ☐ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below) Unknown

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.